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=> s polyacrylamide and (gel or hydrogel)
L1 407236 POLYACRYLAMIDE AND (GEL OR HYDROGEL)

=> s l1 and prosthe?
L2 4861 L1 AND PROSTHE?

=> s l2 and (soft tissue) and augment?
L3 425 L2 AND (SOFT TISSUE) AND AUGMENT?

=> s l3 and (cosmetic? or reconstruct? or (bodycontour?))
L4 390 L3 AND (COSMETIC? OR RECONSTRUCT? OR (BODYCONTOUR?))

=> s l4 and (face or lips)
L5 51 L4 AND (FACE OR LIPS)

=> s l5 and (deformat? or (nasolabial folds) or (glabellar folds) or mouth or chin)
L6 34 L5 AND (DEFORMAT? OR (NASOLABIAL FOLDS) OR (GLABELLAR FOLDS)
OR MOUTH OR CHIN)

=> d 16 1-34 ibib abs

L6 ANSWER 1 OF 34 USPATFULL on STN
ACCESSION NUMBER: 2004:286950 USPATFULL
TITLE: 31 human secreted proteins
INVENTOR(S): Ni, Jian, Germantown, MD, UNITED STATES
Ruben, Steven M., Brookeville, MD, UNITED STATES
Rosen, Craig A., Laytonsville, MD, UNITED STATES
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
Florence, Kimberly A., Rockville, MD, UNITED STATES
Young, Paul E., Gaithersburg, MD, UNITED STATES
Birse, Charles E., North Potomac, MD, UNITED STATES
Carter, Kenneth C., North Potomac, MD, UNITED STATES
Komatsoulis, George, Silver Spring, MD, UNITED STATES
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, UNITED

STATES, 20850 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004225118	A1	20041111
APPLICATION INFO.:	US 2003-613076	A1	20030707 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2001-948820, filed on 10 Sep 2001, ABANDONED Continuation of Ser. No. US 2000-565391, filed on 5 May 2000, ABANDONED Continuation-in-part of Ser. No. WO 1999-US26409, filed on 9 Nov 1999, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-108207P	19981112 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, INTELLECTUAL PROPERTY DEPT., 14200 SHADY GROVE ROAD, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	24	
EXEMPLARY CLAIM:	1	
LINE COUNT:	15636	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 2 OF 34 USPATFULL on STN
ACCESSION NUMBER: 2004:216209 USPATFULL
TITLE: Process for extracting collagen from marine invertebrates
INVENTOR(S): Manickavasagam, Bhanumathy, St. Lucia, AUSTRALIA

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004167318	A1	20040826
APPLICATION INFO.:	US 2003-480829	A1	20031215 (10)
	WO 2001-AU708		20010614
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	EITAN, PEARL, LATZER & COHEN ZEDEK LLP, 10 ROCKEFELLER PLAZA, SUITE 1001, NEW YORK, NY, 10020		
NUMBER OF CLAIMS:	88		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	5 Drawing Page(s)		
LINE COUNT:	1475		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A process for isolating a collagen-derived protein fraction from a marine invertebrate, comprising the steps of: 1) preparing a collagen-containing portion of said marine invertebrate for extraction; 2) treating the collagen-containing portion with a weak acid solution in order to solubilise a collagen-derived protein fraction; and 3) collecting the collagen-derived protein fraction.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 3 OF 34 USPATFULL on STN
ACCESSION NUMBER: 2004:50387 USPATFULL
TITLE: Electroprocessed collagen and tissue engineering

INVENTOR(S): Simpson, David G., Mechanicsville, VA, UNITED STATES
Bowlin, Gary L., Mechanicsville, VA, UNITED STATES
Wnek, Gary E., Midlothian, VA, UNITED STATES
Stevens, Peter J., Richland Hills, TX, UNITED STATES
Carr, Marcus E., Midlothian, VA, UNITED STATES
Matthews, Jamil A., Glen Allen, VA, UNITED STATES
Rajendran, Saravananmoorthy, East Haven, CT, UNITED STATES

NUMBER KIND DATE

PATENT INFORMATION: US 2004037813 A1 20040226
APPLICATION INFO.: US 2003-447670 A1 20030528. (10)
RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2001-991373, filed
on 16 Nov 2001, PENDING Continuation-in-part of Ser.
No. US 2000-714255, filed on 17 Nov 2000, ABANDONED
Continuation-in-part of Ser. No. US 2000-512081, filed
on 24 Feb 2000, ABANDONED Continuation-in-part of Ser.
No. US 1999-386273, filed on 31 Aug 1999, GRANTED, Pat.
No. US 6592623

NUMBER DATE

PRIORITY INFORMATION: US 1999-121628P 19990225 (60)
US 2002-384035P 20020528 (60)
US 2002-386612P 20020606 (60)
US 2002-396399P 20020715 (60)
US 2002-402189P 20020808 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: JOHN S. PRATT, ESQ, KILPATRICK STOCKTON, LLP, 1100
PEACHTREE STREET, SUITE 2800, ATLANTA, GA, 30309

NUMBER OF CLAIMS: 17

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 14 Drawing Page(s)

LINE COUNT: 5697

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention is directed to formation and use of electroprocessed collagen, including use as an extracellular matrix and, together with cells, its use in forming engineered tissue. The engineered tissue can include the synthetic manufacture of specific organs or tissues which may be implanted into a recipient. The electroprocessed collagen may also be combined with other molecules in order to deliver substances to the site of application or implantation of the electroprocessed collagen. The collagen or collagen/cell suspension is electrodeposited onto a substrate to form tissues and organs.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 4 OF 34 USPATFULL on STN

ACCESSION NUMBER: 2004:44514 USPATFULL

TITLE: Polynucleotides encoding novel human mitochondrial and
microsomal glycerol-3-phosphate acyl-transferases and
variants thereof

INVENTOR(S): Farrelly, Dennis, Monmouth Junction, NJ, UNITED STATES
Chen, Jian, Princeton, NJ, UNITED STATES
Nelson, Thomas C., Lawrenceville, NJ, UNITED STATES
Feder, John N., Belle Mead, NJ, UNITED STATES
Wu, Shujian, Langhorne, PA, UNITED STATES
Bassolino, Donna A., Hamilton, NJ, UNITED STATES
Krystek, Stanley R., Ringoes, NJ, UNITED STATES

NUMBER KIND DATE

PATENT INFORMATION: US 2004033506 A1 20040219

APPLICATION INFO.: US 2002-308128 A1 20021202 (10)

NUMBER	DATE
PRIORITY INFORMATION: US 2001-334904P	20011130 (60)
DOCUMENT TYPE: Utility	
FILE SEGMENT: APPLICATION	
LEGAL REPRESENTATIVE: STEPHEN B. DAVIS, BRISTOL-MYERS SQUIBB COMPANY, PATENT DEPARTMENT, P O BOX 4000, PRINCETON, NJ, 08543-4000	
NUMBER OF CLAIMS: 20	
EXEMPLARY CLAIM: 1	
NUMBER OF DRAWINGS: 37 Drawing Page(s)	
LINE COUNT: 28557	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides novel polynucleotides encoding Mitochondrial GPAT, Microsomal GPAT_hlog1, Microsomal GPAT_hlog2, Microsomal GPAT_hlog3, and/or Microsomal GPAT_hlog3_v1 polypeptides, fragments and homologues thereof. Also provided are vectors, host cells, antibodies, and recombinant and synthetic methods for producing said polypeptides. The invention further relates to diagnostic and therapeutic methods for applying these novel Mitochondrial GPAT, Microsomal GPAT_hlog1, Microsomal GPAT_hlog2, Microsomal GPAT_hlog3, and/or Microsomal GPAT_hlog3_v1 polypeptides to the diagnosis, treatment, and/or prevention of various diseases and/or disorders related to these polypeptides. The invention further relates to screening methods for identifying agonists and antagonists of the polynucleotides and polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 5 OF 34 USPATFULL on STN
 ACCESSION NUMBER: 2004:25134 USPATFULL
 TITLE: Polynucleotide encoding novel human G-protein coupled receptors, and splice variants thereof
 INVENTOR(S): Feder, John N., Belle Mead, NJ, UNITED STATES
 Mintier, Gabriel, Hightstown, NJ, UNITED STATES
 Ramanathan, Chandra S., Wallingford, CT, UNITED STATES

NUMBER	KIND	DATE
PATENT INFORMATION: US 2004018976	A1	20040129
APPLICATION INFO.: US 2003-436715	A1	20030513 (10)

NUMBER	DATE
PRIORITY INFORMATION: US 2002-380336P	20020514 (60)
DOCUMENT TYPE: Utility	
FILE SEGMENT: APPLICATION	
LEGAL REPRESENTATIVE: STEPHEN B. DAVIS, BRISTOL-MYERS SQUIBB COMPANY, PATENT DEPARTMENT, P O BOX 4000, PRINCETON, NJ, 08543-4000	
NUMBER OF CLAIMS: 20	
EXEMPLARY CLAIM: 1	
NUMBER OF DRAWINGS: 88 Drawing Page(s)	
LINE COUNT: 21273	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides novel polynucleotides encoding HGPRBMY30_1, HGPRBMY30_2, HGPRBMY30_3, HGPRBMY41_1, HGPRBMY41_2, HGPRBMY41_3, HGPRBMY42, HGPRBMY42_1, HGPRBMY43, and/or HGPRBMY44 polypeptides, fragments and homologues thereof. Also provided are vectors, host cells, antibodies, and recombinant and synthetic methods for producing said polypeptides. The invention further relates to diagnostic and therapeutic methods for applying these novel HGPRBMY30_1, HGPRBMY30_2, HGPRBMY30_3, HGPRBMY41_1, HGPRBMY41_2, HGPRBMY41_3, HGPRBMY42, HGPRBMY42_1, HGPRBMY43, and/or HGPRBMY44 polypeptides to the diagnosis, treatment, and/or prevention of various diseases and/or

disorders related to these polypeptides. The invention further relates to screening methods for identifying agonists and antagonists of the polynucleotides and polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 6 OF 34 USPATFULL on STN

ACCESSION NUMBER: 2004:12968 USPATFULL
TITLE: Nucleic acids, proteins, and antibodies
INVENTOR(S): Rosen, Craig A., Laytonsville, MD, UNITED STATES
Ruben, Steven M., Olney, MD, UNITED STATES
Barash, Steven C., Rockville, MD, UNITED STATES
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)

NUMBER	KIND	DATE
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PATENT INFORMATION: US 2004009488 A1 20040115
APPLICATION INFO.: US 2002-242515 A1 20020913 (10)
RELATED APPLN. INFO.: Continuation of Ser. No. US 2001-764877, filed on 17 Jan 2001, PENDING

NUMBER	DATE
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PRIORITY INFORMATION: US 2000-179065P 20000131 (60)
US 2000-180628P 20000204 (60)
US 2000-214886P 20000628 (60)
US 2000-217487P 20000711 (60)
US 2000-225758P 20000814 (60)
US 2000-220963P 20000726 (60)
US 2000-217496P 20000711 (60)
US 2000-225447P 20000814 (60)
US 2000-218290P 20000714 (60)
US 2000-225757P 20000814 (60)
US 2000-226868P 20000822 (60)
US 2000-216647P 20000707 (60)
US 2000-225267P 20000814 (60)
US 2000-216880P 20000707 (60)
US 2000-225270P 20000814 (60)
US 2000-251869P 20001208 (60)
US 2000-235834P 20000927 (60)
US 2000-234274P 20000921 (60)
US 2000-234223P 20000921 (60)
US 2000-228924P 20000830 (60)
US 2000-224518P 20000814 (60)
US 2000-236369P 20000929 (60)
US 2000-224519P 20000814 (60)
US 2000-220964P 20000726 (60)
US 2000-241809P 20001020 (60)
US 2000-249299P 20001117 (60)
US 2000-236327P 20000929 (60)
US 2000-241785P 20001020 (60)
US 2000-244617P 20001101 (60)
US 2000-225268P 20000814 (60)
US 2000-236368P 20000929 (60)
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US 2000-251868P 20001208 (60)
US 2000-229344P 20000901 (60)
US 2000-234997P 20000925 (60)
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US 2000-231413P 20000908 (60)
US 2000-229509P 20000905 (60)

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US 2000-235484P	20000926 (60)
US 2000-190076P	20000317 (60)
US 2000-209467P	20000607 (60)
US 2000-205515P	20000519 (60)
US 2001-259678P	20010105 (60)

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,
ROCKVILLE, MD, 20850

NUMBER OF CLAIMS:

24

EXEMPLARY CLAIM:

1

LINE COUNT:

32038

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel musculoskeletal system related polynucleotides and the polypeptides encoded by these polynucleotides herein collectively known as "musculoskeletal system antigens," and the use of such musculoskeletal system antigens for detecting disorders of the musculoskeletal system, particularly the presence of cancer and cancer metastases. More specifically, isolated musculoskeletal system associated nucleic acid molecules are provided encoding novel musculoskeletal system associated polypeptides. Novel musculoskeletal system polypeptides and antibodies that bind to these polypeptides are provided. Also provided are vectors, host cells, and recombinant and synthetic methods for producing human musculoskeletal system associated polynucleotides and/or polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, preventing and/or prognosing disorders related to the musculoskeletal system, including cancer of musculoskeletal tissues, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The present invention further relates to methods and/or compositions for inhibiting the production and function of the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 7 OF 34 USPATFULL on STN

ACCESSION NUMBER: 2003:330934 USPATFULL

TITLE: Tissue treatment

INVENTOR(S): Bourne, George, Southboro, MA, UNITED STATES

Buiser, Marcia, Watertown, MA, UNITED STATES
Casey, Thomas V., II, Grafton, MA, UNITED STATES
Keenan, Steve, Watertown, MA, UNITED STATES
Lanphere, Janel, Hyde Park, MA, UNITED STATES
Li, Jianmin, Lexington, MA, UNITED STATES
McKenna, Erin, Boston, MA, UNITED STATES
Minasian, Zarouhi, Bedford, MA, UNITED STATES
Rao, Doreen, Watertown, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003233150	A1	20031218
APPLICATION INFO.:	US 2002-231664	A1	20020830 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-388446P	20020612 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	FISH & RICHARDSON PC, 225 FRANKLIN ST, BOSTON, MA, 02110	
NUMBER OF CLAIMS:	25	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	13 Drawing Page(s)	
LINE COUNT:	926	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		
AB	A method of treating tissue includes placing substantially spherical polymer particles in the tissue. The particles include an interior region having relatively large pores and a first region substantially surrounding the interior having fewer relatively large pores than the interior region.	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 8 OF 34 USPATFULL on STN
ACCESSION NUMBER: 2003:330759 USPATFULL
TITLE: Nucleic acids, proteins, and antibodies
INVENTOR(S): Rosen, Craig A., Laytonsville, MD, UNITED STATES
 Ruben, Steven M., Olney, MD, UNITED STATES
 Barash, Steven C., Rockville, MD, UNITED STATES
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD (U.S.
 corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003232975	A1	20031218
APPLICATION INFO.:	US 2002-74024	A1	20020214 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2001-764895, filed on 17 Jan 2001, ABANDONED		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-179065P	20000131 (60)
	US 2000-180628P	20000204 (60)
	US 2000-214886P	20000628 (60)
	US 2000-217487P	20000711 (60)
	US 2000-225758P	20000814 (60)
	US 2000-220963P	20000726 (60)
	US 2000-217496P	20000711 (60)
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	US 2000-218290P	20000714 (60)
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US	2000-229345P	20000901	(60)
US	2000-229287P	20000901	(60)
US	2000-229513P	20000905	(60)
US	2000-231413P	20000908	(60)
US	2000-229509P	20000905	(60)
US	2000-236367P	20000929	(60)
US	2000-237039P	20001002	(60)
US	2000-237038P	20001002	(60)
US	2000-236370P	20000929	(60)
US	2000-236802P	20001002	(60)
US	2000-237037P	20001002	(60)
US	2000-237040P	20001002	(60)
US	2000-240960P	20001020	(60)
US	2000-239935P	20001013	(60)
US	2000-239937P	20001013	(60)
US	2000-241787P	20001020	(60)
US	2000-246474P	20001108	(60)
US	2000-246532P	20001108	(60)
US	2000-249216P	20001117	(60)
US	2000-249210P	20001117	(60)
US	2000-226681P	20000822	(60)
US	2000-225759P	20000814	(60)
US	2000-225213P	20000814	(60)
US	2000-227182P	20000822	(60)
US	2000-225214P	20000814	(60)
US	2000-235836P	20000927	(60)
US	2000-230438P	20000906	(60)
US	2000-215135P	20000630	(60)
US	2000-225266P	20000814	(60)
US	2000-249218P	20001117	(60)
US	2000-249208P	20001117	(60)
US	2000-249213P	20001117	(60)
US	2000-249212P	20001117	(60)
US	2000-249207P	20001117	(60)
US	2000-249245P	20001117	(60)
US	2000-249244P	20001117	(60)
US	2000-249217P	20001117	(60)
US	2000-249211P	20001117	(60)
US	2000-249215P	20001117	(60)
US	2000-249264P	20001117	(60)
US	2000-249214P	20001117	(60)
US	2000-249297P	20001117	(60)

US 2000-232400P	20000914 (60)
US 2000-231242P	20000908 (60)
US 2000-232081P	20000908 (60)
US 2000-232080P	20000908 (60)
US 2000-231414P	20000908 (60)
US 2000-231244P	20000908 (60)
US 2000-233064P	20000914 (60)
US 2000-233063P	20000914 (60)
US 2000-232397P	20000914 (60)
US 2000-232399P	20000914 (60)
US 2000-232401P	20000914 (60)
US 2000-241808P	20001020 (60)
US 2000-241826P	20001020 (60)
US 2000-241786P	20001020 (60)
US 2000-241221P	20001020 (60)
US 2000-246475P	20001108 (60)
US 2000-231243P	20000908 (60)
US 2000-233065P	20000914 (60)
US 2000-232398P	20000914 (60)
US 2000-234998P	20000925 (60)
US 2000-246477P	20001108 (60)
US 2000-246528P	20001108 (60)
US 2000-246525P	20001108 (60)
US 2000-246476P	20001108 (60)
US 2000-246526P	20001108 (60)
US 2000-249209P	20001117 (60)
US 2000-246527P	20001108 (60)
US 2000-246523P	20001108 (60)
US 2000-246524P	20001108 (60)
US 2000-246478P	20001108 (60)
US 2000-246609P	20001108 (60)
US 2000-246613P	20001108 (60)
US 2000-249300P	20001117 (60)
US 2000-249265P	20001117 (60)
US 2000-246610P	20001108 (60)
US 2000-246611P	20001108 (60)
US 2000-230437P	20000906 (60)
US 2000-251990P	20001208 (60)
US 2000-251988P	20001205 (60)
US 2000-251030P	20001205 (60)
US 2000-251479P	20001206 (60)
US 2000-256719P	20001205 (60)
US 2000-250160P	20001201 (60)
US 2000-251989P	20001208 (60)
US 2000-250391P	20001201 (60)
US 2000-254097P	20001211 (60)
US 2000-231968P	20000912 (60)
US 2000-226279P	20000818 (60)
US 2000-186350P	20000302 (60)
US 2000-184664P	20000224 (60)
US 2000-189874P	20000316 (60)
US 2000-198123P	20000418 (60)
US 2000-227009P	20000823 (60)
US 2000-235484P	20000926 (60)
US 2000-190076P	20000317 (60)
US 2000-209467P	20000607 (60)
US 2000-205515P	20000519 (60)
US 2001-259678P	20010105 (60)

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,
ROCKVILLE, MD, 20850

NUMBER OF CLAIMS:

24

EXEMPLARY CLAIM:

1

LINE COUNT:

21828

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel endocrine related polynucleotides and the polypeptides encoded by these polynucleotides herein collectively known as "endocrine antigens," and the use of such endocrine antigens for detecting disorders of the endocrine system, particularly the presence of cancers of the endocrine system and endocrine cancer metastases. More specifically, isolated endocrine associated nucleic acid molecules are provided encoding novel endocrine associated polypeptides. Novel endocrine polypeptides and antibodies that bind to these polypeptides are provided. Also provided are vectors, host cells, and recombinant and synthetic methods for producing human endocrine associated polynucleotides and/or polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, preventing and/or prognosing disorders related to the endocrine system, including cancers of the endocrine system, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The present invention further relates to methods and/or compositions for inhibiting the production and function of the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 9 OF 34 USPATFULL on STN

ACCESSION NUMBER: 2003:330148 USPATFULL

TITLE: Polynucleotide encoding a novel human G-protein coupled receptor, HGPRBMY40_2

INVENTOR(S): Ramanathan, Chandra S., Wallingford, CT, UNITED STATES
Mintier, Gabriel, Hightstown, NJ, UNITED STATES
Gopal, Shuba, New York, NY, UNITED STATES
Feder, John N., Belle Mead, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003232359	A1	20031218
APPLICATION INFO.:	US 2003-391634	A1	20030318 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-365350P	20020318 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: STEPHEN B. DAVIS, BRISTOL-MYERS SQUIBB COMPANY, PATENT DEPARTMENT, P O BOX 4000, PRINCETON, NJ, 08543-4000

NUMBER OF CLAIMS: 20

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 9 Drawing Page(s)

LINE COUNT: 13383

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides novel polynucleotides encoding HGPRBMY40_2 polypeptides, fragments and homologues thereof. Also provided are vectors, host cells, antibodies, and recombinant and synthetic methods for producing said polypeptides. The invention further relates to diagnostic and therapeutic methods for applying these novel HGPRBMY40_2 polypeptides to the diagnosis, treatment, and/or prevention of various diseases and/or disorders related to these polypeptides. The invention further relates to screening methods for identifying agonists and antagonists of the polynucleotides and polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 10 OF 34 USPATFULL on STN

ACCESSION NUMBER: 2003:318714 USPATFULL

TITLE: Novel human G-protein coupled receptor, HGPRBMY23,

INVENTOR(S) : expressed highly in kidney
Barber, Lauren E., Higganum, CT, UNITED STATES
Cacace, Angela, Clinton, CT, UNITED STATES
Feder, John N., Belle Mead, NJ, UNITED STATES
Nelson, Thomas C., Lawrenceville, NJ, UNITED STATES
Ramanathan, Chandra S., Wallingford, CT, UNITED STATES
Ryseck, Rolf-Peter, Ewing, NJ, UNITED STATES
Neubauer, Michael G., Skillman, NJ, UNITED STATES
Kornacker, Michael G., Princeton, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003224458	A1	20031204
APPLICATION INFO.:	US 2003-375157	A1	20030226 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2001-10568, filed on 7 Dec 2001, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-251926P	20001207 (60)
	US 2001-269795P	20010214 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	STEPHEN B. DAVIS, BRISTOL-MYERS SQUIBB COMPANY, PATENT DEPARTMENT, P O BOX 4000, PRINCETON, NJ, 08543-4000	
NUMBER OF CLAIMS:	26	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	17 Drawing Page(s)	
LINE COUNT:	14624	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides novel polynucleotides encoding HGPRBMY23 polypeptides, fragments and homologues thereof. Also provided are vectors, host cells, antibodies, and recombinant and synthetic methods for producing said polypeptides. The invention further relates to diagnostic and therapeutic methods for applying these novel HGPRBMY23 polypeptides to the diagnosis, treatment, and/or prevention of various diseases and/or disorders related to these polypeptides, particularly renal diseases and/or disorders, colon cancer, breast cancer, and diseases and disorders related to aberrant NFkB modulation. The invention further relates to screening methods for identifying agonists and antagonists of the polynucleotides and polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 11 OF 34 USPATFULL on STN
ACCESSION NUMBER: 2003:318656 USPATFULL
TITLE: Novel human G-protein coupled receptor, HGPRBMY11, and variants thereof
INVENTOR(S) : Barber, Lauren E., Higganum, CT, UNITED STATES
Cacace, Angela, Clinton, CT, UNITED STATES
Feder, John N., Belle Mead, NJ, UNITED STATES
Nelson, Thomas C., Lawrenceville, NJ, UNITED STATES
Bol, David K., Gaithersburg, MD, UNITED STATES
Ramanathan, Chandra, Wallingford, CT, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003224400	A1	20031204
APPLICATION INFO.:	US 2003-369405	A1	20030214 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2001-991225, filed on 16 Nov 2001, PENDING		

NUMBER	DATE
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PRIORITY INFORMATION: US 2000-249613P 20001117 (60)
US 2000-257611P 20001221 (60)
US 2001-305818P 20010716 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: STEPHEN B. DAVIS, BRISTOL-MYERS SQUIBB COMPANY, PATENT
DEPARTMENT, P O BOX 4000, PRINCETON, NJ, 08543-4000
NUMBER OF CLAIMS: 26
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 18 Drawing Page(s)
LINE COUNT: 15695
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides novel polynucleotides encoding HGPRBMY11 polypeptides, fragments and homologues thereof. The present invention also provides polynucleotides encoding variants of the HGPRBMY11 polypeptide, HGPRBMY11v1 and HGPRBMY11v2. Also provided are vectors, host cells, antibodies, and recombinant and synthetic methods for producing said polypeptides. The invention further relates to diagnostic and therapeutic methods for applying these novel HGPRBMY11, HGPRBMY11v1, and/or HGPRBMY11v2 polypeptides to the diagnosis, treatment, and/or prevention of various diseases and/or disorders related to these polypeptides, particularly gastrointestinal diseases and/or disorders, ovarian cancer, and diseases and disorders related to aberrant NFkB modulation. The invention further relates to screening methods for identifying agonists and antagonists of the polynucleotides and polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 12 OF 34 USPATFULL on STN
ACCESSION NUMBER: 2003:288603 USPATFULL
TITLE: 13 human colon and colon cancer associated proteins
INVENTOR(S): Rosen, Craig A., Laytonsville, MD, UNITED STATES
Birse, Charles E., North Potomac, MD, UNITED STATES
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD (U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003203361	A1	20031030
APPLICATION INFO.:	US 2001-997003	A1	20011130 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 2000-US22157, filed on 11 Aug 2000, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-148680P	19990813 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	24	
EXEMPLARY CLAIM:	1	
LINE COUNT:	19712	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention relates to newly identified colon or colon cancer related polynucleotides and the polypeptides encoded by these polynucleotides herein collectively known as "colon or colon cancer antigens", and the use of such colon antigens for detecting disorders of the gastrointestinal system, particularly the presence of colon cancer and colon cancer metastases. This invention relates to colon or colon cancer antigens as well as vectors, host cells, antibodies directed to colon or colon cancer antigens and the recombinant methods and synthetic methods for producing the same. Also provided are diagnostic methods for detecting, treating, preventing and/or prognosing disorders related to

the colon, including colon cancer, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of colon or colon cancer antigens of the invention. The present invention further relates to inhibiting the production and function of the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 13 OF 34 USPATFULL on STN

ACCESSION NUMBER: 2003:282633 USPATFULL

TITLE: Novel human G-protein coupled receptor, HGPRBMY14, related to the orphan GPCR, GPR73

INVENTOR(S):
Feder, John N., Belle Mead, NJ, UNITED STATES
Ramanathan, Chandra S., Wallingford, CT, UNITED STATES
Nelson, Thomas C., Lawrenceville, NJ, UNITED STATES
Kornacker, Michael G., Princeton, NJ, UNITED STATES
Ryseck, Rolf-Peter, Ewing, CT, UNITED STATES
Cacace, Angela, Clinton, CT, UNITED STATES
Barber, Lauren E., Higganum, CT, UNITED STATES
Bol, David K., Gaithersburg, MD, UNITED STATES

NUMBER KIND DATE

PATENT INFORMATION: US 2003198976 A1 20031023

APPLICATION INFO.: US 2002-295693 A1 20021114 (10)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2002-67649, filed on 5 Feb 2002, PENDING

NUMBER DATE

PRIORITY INFORMATION: US 2001-266525P 20010205 (60)
US 2001-329897P 20011016 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: STEPHEN B. DAVIS, BRISTOL-MYERS SQUIBB COMPANY, PATENT DEPARTMENT, P O BOX 4000, PRINCETON, NJ, 08543-4000

NUMBER OF CLAIMS: 26

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 16 Drawing Page(s)

LINE COUNT: 15175

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides novel polynucleotides encoding HGPRBMY14 polypeptides, fragments and homologues thereof. Also provided are vectors, host cells, antibodies, and recombinant and synthetic methods for producing said polypeptides. The invention further relates to diagnostic and therapeutic methods for applying these novel HGPRBMY14 polypeptides to the diagnosis, treatment, and/or prevention of various diseases and/or disorders related to these polypeptides. The invention further relates to screening methods for identifying agonists and antagonists of the polynucleotides and polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 14 OF 34 USPATFULL on STN

ACCESSION NUMBER: 2003:265252 USPATFULL

TITLE: Novel human leucine-rich repeat domain containing protein, HLLRCR-1

INVENTOR(S):
Feder, John N., Belle Mead, NJ, UNITED STATES
Ramanathan, Chandra S., Wallingford, CT, UNITED STATES
Mintier, Gabriel, Hightstown, NJ, UNITED STATES

NUMBER KIND DATE

PATENT INFORMATION: US 2003186267 A1 20031002
APPLICATION INFO.: US 2002-271078 A1 20021011 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-328478P	20011011 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	STEPHEN B. DAVIS, BRISTOL-MYERS SQUIBB COMPANY, PATENT DEPARTMENT, P O BOX 4000, PRINCETON, NJ, 08543-4000	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	14 Drawing Page(s)	
LINE COUNT:	14036	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		
AB	The present invention provides novel polynucleotides encoding HLLRCR-1 polypeptides, fragments and homologues thereof. Also provided are vectors, host cells, antibodies, and recombinant and synthetic methods for producing said polypeptides. The invention further relates to diagnostic and therapeutic methods for applying these novel HLLRCR-1 polypeptides to the diagnosis, treatment, and/or prevention of various diseases and/or disorders related to these polypeptides, particularly nervous system diseases and/or disorders. The invention further relates to screening methods for identifying agonists and antagonists of the polynucleotides and polypeptides of the present invention.	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 15 OF 34 USPATFULL on STN
ACCESSION NUMBER: 2003:238382 USPATFULL
TITLE: Polynucleotide encoding a novel human G-protein coupled receptor, HGPRBMY30
INVENTOR(S): Feder, John N., Belle Mead, NJ, UNITED STATES
Ramanathan, Chandra S., Wallingford, CT, UNITED STATES
Mintier, Gabriel A., Hightstown, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003166540	A1	20030904
APPLICATION INFO.:	US 2002-159339	A1	20020530 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-294411P	20010530 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	STEPHEN B. DAVIS, BRISTOL-MYERS SQUIBB COMPANY, PATENT DEPARTMENT, P O BOX 4000, PRINCETON, NJ, 08543-4000	
NUMBER OF CLAIMS:	19	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	15 Drawing Page(s)	
LINE COUNT:	14458	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		

AB The present invention provides novel polynucleotides encoding HGPRBMY30 polypeptides, fragments and homologues thereof. Also provided are vectors, host cells, antibodies, and recombinant and synthetic methods for producing said polypeptides. The invention further relates to diagnostic and therapeutic methods for applying these novel HGPRBMY30 polypeptides to the diagnosis, treatment, and/or prevention of various diseases and/or disorders related to these polypeptides. The invention further relates to screening methods for identifying agonists and antagonists of the polynucleotides and polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 16 OF 34 USPATFULL on STN
ACCESSION NUMBER: 2003:225786 USPATFULL
TITLE: Novel human G-protein coupled receptor, HGPRBMY23,
expressed highly in kidney
INVENTOR(S): Ramanathan, Chandra S., Wallingford, CT, UNITED STATES
Feder, John N., Belle Mead, NJ, UNITED STATES
Nelson, Thomas C., Lawrenceville, NJ, UNITED STATES
Cacace, Angela, Clinton, CT, UNITED STATES
Barber, Lauren, Griswold, CT, UNITED STATES
Ryseck, Rolf P., Ewing, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003157598	A1	20030821
APPLICATION INFO.:	US 2001-10568	A1	20011207 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-251926P	20001207 (60)
	US 2001-269795P	20010214 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	STEPHEN B. DAVIS, BRISTOL-MYERS SQUIBB COMPANY, PATENT DEPARTMENT, P O BOX 4000, PRINCETON, NJ, 08543-4000	
NUMBER OF CLAIMS:	42	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	16 Drawing Page(s)	
LINE COUNT:	15361	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides novel polynucleotides encoding HGPRBMY23 polypeptides, fragments and homologues thereof. Also provided are vectors, host cells, antibodies, and recombinant and synthetic methods for producing said polypeptides. The invention further relates to diagnostic and therapeutic methods for applying these novel HGPRBMY23 polypeptides to the diagnosis, treatment, and/or prevention of various diseases and/or disorders related to these polypeptides, particularly renal diseases and/or disorders. The invention further relates to screening methods for identifying agonists and antagonists of the polynucleotides and polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 17 OF 34 USPATFULL on STN
ACCESSION NUMBER: 2003:219773 USPATFULL
TITLE: Novel human G-protein coupled receptor, HGPRBMY11,
expressed highly in heart and variants thereof
INVENTOR(S): Feder, John N., Belle Mead, NJ, UNITED STATES
Nelson, Thomas C., Lawrenceville, NJ, UNITED STATES
Ramanathan, Chandra S., Wallingford, CT, UNITED STATES
Cacace, Angela M., Clinton, CT, UNITED STATES
Barber, Lauren E., Griswold, CT, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003153063	A1	20030814
APPLICATION INFO.:	US 2001-991225	A1	20011116 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-249613P	20001117 (60)
	US 2000-257611P	20001221 (60)
	US 2001-305818P	20010716 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	

LEGAL REPRESENTATIVE: STEPHEN B. DAVIS, BRISTOL-MYERS SQUIBB COMPANY, PATENT
DEPARTMENT, P O BOX 4000, PRINCETON, NJ, 08543-4000
NUMBER OF CLAIMS: 41
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 19 Drawing Page(s)
LINE COUNT: 16070

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides novel polynucleotides encoding HGPRBMY11 polypeptides, fragments and homologues thereof. The present invention also provides polynucleotides encoding variants of the HGPRBMY11 polypeptide, HGPRBMY11v1 and HGPRBMY11v2. Also provided are vectors, host cells, antibodies, and recombinant and synthetic methods for producing said polypeptides. The invention further relates to diagnostic and therapeutic methods for applying these novel HGPRBMY11, HGPRBMY11v1, and/or HGPRBMY11v2 polypeptides to the diagnosis, treatment, and/or prevention of various diseases and/or disorders related to these polypeptides, particularly cardiovascular diseases and/or disorders. The invention further relates to screening methods for identifying agonists and antagonists of the polynucleotides and polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 18 OF 34 USPATFULL on STN
ACCESSION NUMBER: 2003:219631 USPATFULL
TITLE: Full-length human cDNAs encoding potentially secreted proteins
INVENTOR(S): Dumas Milne Edwards, Jean-Baptiste, Paris, FRANCE
Bougueleret, Lydie, Petit Lancy, SWITZERLAND
Jobert, Severin, Paris, FRANCE

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003152921	A1	20030814
APPLICATION INFO.:	US 2001-876997	A1	20010608 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-731872, filed on 7 Dec 2000, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-169629P	19991208 (60)
	US 2000-187470P	20000306 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Frank C. Eisenschenk, Ph.D., SALIWANCHIK, LLOYD & SALIWANCHIK, 2421 N.W. 41 STREET, SUITE A-1, GAINESVILLE, FL, 32606-6669	
NUMBER OF CLAIMS:	22	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	5 Drawing Page(s)	
LINE COUNT:	27600	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention concerns GENSET polynucleotides and polypeptides. Such GENSET products may be used as reagents in forensic analyses, as chromosome markers, as tissue/cell/organelle-specific markers, in the production of expression vectors. In addition, they may be used in screening and diagnosis assays for abnormal GENSET expression and/or biological activity and for screening compounds that may be used in the treatment of GENSET-related disorders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 19 OF 34 USPATFULL on STN
ACCESSION NUMBER: 2003:160075 USPATFULL
TITLE: Colon and colon cancer associated polynucleotides and

INVENTOR(S) : polypeptides
 Ruben, Steven M., Olney, MD, UNITED STATES
 Barash, Steve C., Rockville, MD, UNITED STATES
 Birse, Charles E., North Potomac, MD, UNITED STATES
 Rosen, Craig A., Laytonsville, MD, UNITED STATES
 PATENT ASSIGNEE(S) : Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003109690	A1	20030612
APPLICATION INFO.:	US 2002-106698	A1	20020327 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. WO 2000-US26524, filed on 28 Sep 2000, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-157137P	19990929 (60)
	US 1999-163280P	19991103 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	24	
EXEMPLARY CLAIM:	1	
LINE COUNT:	17981	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel colon or colon cancer related polynucleotides and the polypeptides encoded by these polynucleotides herein collectively known as "colon or colon cancer antigens," and the use of such colon or colon cancer antigens for detecting disorders of the colon, particularly the presence of colon cancer and colon cancer metastases. More specifically, isolated colon or colon cancer associated nucleic acid molecules are provided encoding novel colon or colon cancer associated polypeptides. Novel colon or colon cancer polypeptides and antibodies that bind to these polypeptides are provided. Also provided are vectors, host cells, and recombinant and synthetic methods for producing human colon or colon cancer associated polynucleotides and/or polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, preventing and/or prognosing disorders related to the colon, including colon cancer, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The present invention further relates to methods and/or compositions for inhibiting the production and function of the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 20 OF 34 USPATFULL on STN
 ACCESSION NUMBER: 2003:153629 USPATFULL
 TITLE: Secreted protein HEMCM42
 INVENTOR(S) : Ruben, Steven M., Olney, MD, UNITED STATES
 Rosen, Craig A., Laytonsville, MD, UNITED STATES
 Carter, Kenneth C., North Potomac, MD, UNITED STATES
 Dillon, Patrick J., Carlsbad, CA, UNITED STATES
 Endress, Gregory A., Florence, MA, UNITED STATES
 Yu, Guo-Liang, Berkeley, CA, UNITED STATES
 Ni, Jian, Germantown, MD, UNITED STATES
 Feng, Ping, Gaithersburg, MD, UNITED STATES
 PATENT ASSIGNEE(S) : Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)

	NUMBER	KIND	DATE
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PATENT INFORMATION: US 2003105297 A1 20030605
APPLICATION INFO.: US 2002-62831 A1 20020205 (10)
RELATED APPLN. INFO.: Division of Ser. No. US 2000-690454, filed on 18 Oct 2000, PENDING Continuation of Ser. No. US 1998-189144, filed on 10 Nov 1998, ABANDONED Continuation-in-part of Ser. No. WO 1998-US10868, filed on 28 May 1998, UNKNOWN
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850
NUMBER OF CLAIMS: 75
EXEMPLARY CLAIM: 1
LINE COUNT: 9397

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 21 OF 34 USPATFULL on STN
ACCESSION NUMBER: 2003:152734 USPATFULL
TITLE: 27 human secreted proteins
INVENTOR(S): Ruben, Steven M., Olney, MD, UNITED STATES
Ni, Jian, Germantown, MD, UNITED STATES
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
Rosen, Craig A., Laytonsville, MD, UNITED STATES
Shi, Yanggu, Gaithersburg, MD, UNITED STATES
Birse, Charles E., North Potomac, MD, UNITED STATES
Florence, Kimberly A., Rockville, MD, UNITED STATES
Komatsoulis, George, Silver Spring, MD, UNITED STATES
LaFleur, David W., Washington, DC, UNITED STATES
Moore, Paul A., Germantown, MD, UNITED STATES
Olsen, Henrik S., Gaithersburg, MD, UNITED STATES
Young, Paul E., Gaithersburg, MD, UNITED STATES
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S. corporation)

NUMBER	KIND	DATE
US 2003104400	A1	20030605
US 2002-50882	A1	20020118 (10)
Continuation of Ser. No. US 2000-661453, filed on 13 Sep 2000, PENDING Continuation-in-part of Ser. No. WO 2000-US6783, filed on 16 Mar 2000, UNKNOWN		

PRIORITY INFORMATION:	NUMBER	DATE
US 1999-125055P		19990318 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	23	
EXEMPLARY CLAIM:	1	
LINE COUNT:	20145	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted

proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 22 OF 34 USPATFULL on STN

ACCESSION NUMBER: 2003:146311 USPATFULL

TITLE: Novel human G-protein coupled receptor, HGPRBMY14, related to the orphan GPCR, GPR73

INVENTOR(S): Feder, John N., Belle Mead, NJ, UNITED STATES
Ramanathan, Chandra S., Wallingford, CT, UNITED STATES
Nelson, Thomas C., Lawrenceville, NJ, UNITED STATES
Kornacker, Michael, Princeton, NJ, UNITED STATES
Ryseck, Rolf-Peter, Ewing, NJ, UNITED STATES
Cacace, Angela, Clinton, CT, UNITED STATES
Barber, Lauren E., Jewett City, CT, UNITED STATES

NUMBER	KIND	DATE
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PATENT INFORMATION: US 2003100057 A1 20030529

APPLICATION INFO.: US 2002-67649 A1 20020205 (10)

NUMBER	DATE
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PRIORITY INFORMATION: US 2001-266525P 20010205 (60)

US 2001-329897P 20011016 (60)

DOCUMENT TYPE: Utility

FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: STEPHEN B. DAVIS, BRISTOL-MYERS SQUIBB COMPANY, PATENT DEPARTMENT, P O BOX 4000, PRINCETON, NJ, 08543-4000

NUMBER OF CLAIMS: 40

EXEMPLARY CLAIM: 1

NUMBER OF DRAWINGS: 17 Drawing Page(s)

LINE COUNT: 14451

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides novel polynucleotides encoding HGPRBMY14 polypeptides, fragments and homologues thereof. Also provided are vectors, host cells, antibodies, and recombinant and synthetic methods for producing said polypeptides. The invention further relates to diagnostic and therapeutic methods for applying these novel HGPRBMY14 polypeptides to the diagnosis, treatment, and/or prevention of various diseases and/or disorders related to these polypeptides. The invention further relates to screening methods for identifying agonists and antagonists of the polynucleotides and polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 23 OF 34 USPATFULL on STN

ACCESSION NUMBER: 2003:140506 USPATFULL

TITLE: Polynucleotides encoding two novel human G-protein coupled receptors, HGPRBMY28 and HGPRBMY29, and splice variants thereof

INVENTOR(S): Feder, John N., Belle Mead, NJ, UNITED STATES
Ramanathan, Chandra S., Wallingford, CT, UNITED STATES
Mintier, Gabriel A., Hightstown, NJ, UNITED STATES
Bol, David, Langhorne, PA, UNITED STATES
Hawken, Donald R., Lawrenceville, NJ, UNITED STATES

NUMBER	KIND	DATE
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PATENT INFORMATION: US 2003096347 A1 20030522

APPLICATION INFO.: US 2002-120604 A1 20020411 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-283145P US 2001-283161P US 2001-288468P US 2001-300619P	20010411 (60) 20010411 (60) 20010503 (60) 20010625 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	STEPHEN B. DAVIS, BRISTOL-MYERS SQUIBB COMPANY, PATENT DEPARTMENT, P O BOX 4000, PRINCETON, NJ, 08543-4000	
NUMBER OF CLAIMS:	20	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	36 Drawing Page(s)	
LINE COUNT:	20308	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		
AB	The present invention provides novel polynucleotides encoding HGPRBMY28 and HGPRBMY29 polypeptides, fragments and homologues thereof. The present invention also provides polynucleotides encoding splice variants of HGPRBMY29 polypeptides, HGPRBMY29v1 and HGPRBMY29v2. Also provided are vectors, host cells, antibodies, and recombinant and synthetic methods for producing said polypeptides. Also provided are vectors, host cells, antibodies, and recombinant and synthetic methods for producing said polypeptides. The invention further relates to diagnostic and therapeutic methods for applying these novel HGPRBMY28, HGPRBMY29, HGPRBMY29v1, and HGPRBMY29v2 polypeptides to the diagnosis, treatment, and/or prevention of various diseases and/or disorders related to these polypeptides. The invention further relates to screening methods for identifying agonists and antagonists of the polynucleotides and polypeptides of the present invention.	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 24 OF 34	USPATFULL	on STN
ACCESSION NUMBER:	2003:86801 USPATFULL	
TITLE:	Polynucleotide encoding a novel human G-protein coupled receptor, HGPRBMY25, expressed highly in immune-related tissues	
INVENTOR(S):	Ramanathan, Chandra S., Wallingford, CT, UNITED STATES Feder, John N., Belle Mead, NJ, UNITED STATES Mintier, Gabriel A., Hightstown, NJ, UNITED STATES	

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003060409	A1	20030327
APPLICATION INFO.:	US 2002-81775	A1	20020221 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-270134P US 2001-278952P	20010221 (60) 20010327 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	STEPHEN B. DAVIS, BRISTOL-MYERS SQUIBB COMPANY, PATENT DEPARTMENT, P O BOX 4000, PRINCETON, NJ, 08543-4000	
NUMBER OF CLAIMS:	21	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	7 Drawing Page(s)	
LINE COUNT:	13055	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		
AB	The present invention provides novel polynucleotides encoding HGPRBMY25 polypeptides, fragments and homologues thereof. Also provided are vectors, host cells, antibodies, and recombinant and synthetic methods for producing said polypeptides. The invention further relates to diagnostic and therapeutic methods for applying these novel HGPRBMY25 polypeptides to the diagnosis, treatment, and/or prevention of various	

diseases and/or disorders related to these polypeptides. The invention further relates to screening methods for identifying agonists and antagonists of the polynucleotides and polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 25 OF 34 USPATFULL on STN
ACCESSION NUMBER: 2003:78454 USPATFULL
TITLE: Polynucleotide encoding a novel human G-protein coupled receptor, HGPRBMY27
INVENTOR(S): Ramanathan, Chandra S., Wallingford, CT, UNITED STATES
Feder, John N., Belle Mead, NJ, UNITED STATES
Mintier, Gabriel A., Hightstown, NJ, UNITED STATES
Cacace, Angela, Clinton, CT, UNITED STATES
Barber, Lauren E., Jewett City, CT, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003054374	A1	20030320
APPLICATION INFO.:	US 2002-92135	A1	20020306 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-273808P	20010307 (60)
	US 2001-278983P	20010327 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	STEPHEN B. DAVIS, BRISTOL-MYERS SQUIBB COMPANY, PATENT DEPARTMENT, P O BOX 4000, PRINCETON, NJ, 08543-4000	
NUMBER OF CLAIMS:	21	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	15 Drawing Page(s)	
LINE COUNT:	12797	
CAS INDEXING IS AVAILABLE FOR THIS PATENT.		
AB	The present invention provides novel polynucleotides encoding HGPRBMY27 polypeptides, fragments and homologues thereof. Also provided are vectors, host cells, antibodies, and recombinant and synthetic methods for producing said polypeptides. The invention further relates to diagnostic and therapeutic methods for applying these novel HGPRBMY27 polypeptides to the diagnosis, treatment, and/or prevention of various diseases and/or disorders related to these polypeptides. The invention further relates to screening methods for identifying agonists and antagonists of the polynucleotides and polypeptides of the present invention.	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 26 OF 34 USPATFULL on STN
ACCESSION NUMBER: 2003:72173 USPATFULL
TITLE: 31 human secreted proteins
INVENTOR(S): Ni, Jian, Rockville, MD, UNITED STATES
Ruben, Steven M., Olney, MD, UNITED STATES
Rosen, Craig A., Laytonsville, MD, UNITED STATES
Ebner, Reinhard, Gaithersburg, MD, UNITED STATES
Florence, Kimberly A., Rockville, MD, UNITED STATES
Young, Paul E., Gaithersburg, MD, UNITED STATES
Birse, Charles E., North Potomac, MD, UNITED STATES
Carter, Kenneth C., North Potomac, MD, UNITED STATES
Komatsoulis, George, Silver Spring, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003050460	A1	20030313
APPLICATION INFO.:	US 2001-948820	A1	20010910 (9)

RELATED APPLN. INFO.: Continuation of Ser. No. US 2000-565391, filed on 5 May 2000, PENDING Continuation-in-part of Ser. No. WO 1999-US26409, filed on 9 Nov 1999, UNKNOWN

	NUMBER	DATE
PRIORITY INFORMATION:	US 1998-108207P	19981112 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE, ROCKVILLE, MD, 20850	
NUMBER OF CLAIMS:	23	
EXEMPLARY CLAIM:	1	
LINE COUNT:	15657	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating diseases, disorders, and/or conditions related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 27 OF 34 USPATFULL on STN
ACCESSION NUMBER: 2003:71944 USPATFULL
TITLE: Nucleic acids, proteins, and antibodies
INVENTOR(S): Rosen, Craig A., Laytonsville, MD, UNITED STATES
Ruben, Steven M., Olney, MD, UNITED STATES
Barash, Steven C., Rockville, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003050231	A1	20030313
APPLICATION INFO.:	US 2001-764872	A1	20010117 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-179065P	20000131 (60)
	US 2000-180628P	20000204 (60)
	US 2000-214886P	20000628 (60)
	US 2000-217487P	20000711 (60)
	US 2000-225758P	20000814 (60)
	US 2000-220963P	20000726 (60)
	US 2000-217496P	20000711 (60)
	US 2000-225447P	20000814 (60)
	US 2000-218290P	20000714 (60)
	US 2000-225757P	20000814 (60)
	US 2000-226868P	20000822 (60)
	US 2000-216647P	20000707 (60)
	US 2000-225267P	20000814 (60)
	US 2000-216880P	20000707 (60)
	US 2000-225270P	20000814 (60)
	US 2000-251869P	20001208 (60)
	US 2000-235834P	20000927 (60)
	US 2000-234274P	20000921 (60)
	US 2000-234223P	20000921 (60)
	US 2000-228924P	20000830 (60)
	US 2000-224518P	20000814 (60)
	US 2000-236369P	20000929 (60)
	US 2000-224519P	20000814 (60)
	US 2000-220964P	20000726 (60)
	US 2000-241809P	20001020 (60)
	US 2000-249299P	20001117 (60)

US 2000-236327P	20000929	(60)
US 2000-241785P	20001020	(60)
US 2000-244617P	20001101	(60)
US 2000-225268P	20000814	(60)
US 2000-236368P	20000929	(60)
US 2000-251856P	20001208	(60)
US 2000-251868P	20001208	(60)
US 2000-229344P	20000901	(60)
US 2000-234997P	20000925	(60)
US 2000-229343P	20000901	(60)
US 2000-229345P	20000901	(60)
US 2000-229287P	20000901	(60)
US 2000-229513P	20000905	(60)
US 2000-231413P	20000908	(60)
US 2000-229509P	20000905	(60)
US 2000-236367P	20000929	(60)
US 2000-237039P	20001002	(60)
US 2000-237038P	20001002	(60)
US 2000-236370P	20000929	(60)
US 2000-236802P	20001002	(60)
US 2000-237037P	20001002	(60)
US 2000-237040P	20001002	(60)
US 2000-240960P	20001020	(60)
US 2000-239935P	20001013	(60)
US 2000-239937P	20001013	(60)
US 2000-241787P	20001020	(60)
US 2000-246474P	20001108	(60)
US 2000-246532P	20001108	(60)
US 2000-249216P	20001117	(60)
US 2000-249210P	20001117	(60)
US 2000-226681P	20000822	(60)
US 2000-225759P	20000814	(60)
US 2000-225213P	20000814	(60)
US 2000-227182P	20000822	(60)
US 2000-225214P	20000814	(60)
US 2000-235836P	20000927	(60)
US 2000-230438P	20000906	(60)
US 2000-215135P	20000630	(60)
US 2000-225266P	20000814	(60)
US 2000-249218P	20001117	(60)
US 2000-249208P	20001117	(60)
US 2000-249213P	20001117	(60)
US 2000-249212P	20001117	(60)
US 2000-249207P	20001117	(60)
US 2000-249245P	20001117	(60)
US 2000-249244P	20001117	(60)
US 2000-249217P	20001117	(60)
US 2000-249211P	20001117	(60)
US 2000-249215P	20001117	(60)
US 2000-249264P	20001117	(60)
US 2000-249214P	20001117	(60)
US 2000-249297P	20001117	(60)
US 2000-232400P	20000914	(60)
US 2000-231242P	20000908	(60)
US 2000-232081P	20000908	(60)
US 2000-232080P	20000908	(60)
US 2000-231414P	20000908	(60)
US 2000-231244P	20000908	(60)
US 2000-233064P	20000914	(60)
US 2000-233063P	20000914	(60)
US 2000-232397P	20000914	(60)
US 2000-232399P	20000914	(60)
US 2000-232401P	20000914	(60)
US 2000-241808P	20001020	(60)
US 2000-241826P	20001020	(60)

US 2000-241786P	20001020 (60)
US 2000-241221P	20001020 (60)
US 2000-246475P	20001108 (60)
US 2000-231243P	20000908 (60)
US 2000-233065P	20000914 (60)
US 2000-232398P	20000914 (60)
US 2000-234998P	20000925 (60)
US 2000-246477P	20001108 (60)
US 2000-246528P	20001108 (60)
US 2000-246525P	20001108 (60)
US 2000-246476P	20001108 (60)
US 2000-246526P	20001108 (60)
US 2000-249209P	20001117 (60)
US 2000-246527P	20001108 (60)
US 2000-246523P	20001108 (60)
US 2000-246524P	20001108 (60)
US 2000-246478P	20001108 (60)
US 2000-246609P	20001108 (60)
US 2000-246613P	20001108 (60)
US 2000-249300P	20001117 (60)
US 2000-249265P	20001117 (60)
US 2000-246610P	20001108 (60)
US 2000-246611P	20001108 (60)
US 2000-230437P	20000906 (60)
US 2000-251990P	20001208 (60)
US 2000-251988P	20001205 (60)
US 2000-251030P	20001205 (60)
US 2000-251479P	20001206 (60)
US 2000-256719P	20001205 (60)
US 2000-250160P	20001201 (60)
US 2000-251989P	20001208 (60)
US 2000-250391P	20001201 (60)
US 2000-254097P	20001211 (60)
US 2000-231968P	20000912 (60)
US 2000-226279P	20000818 (60)
US 2000-186350P	20000302 (60)
US 2000-184664P	20000224 (60)
US 2000-189874P	20000316 (60)
US 2000-198123P	20000418 (60)
US 2000-227009P	20000823 (60)
US 2000-235484P	20000926 (60)
US 2000-190076P	20000317 (60)
US 2000-209467P	20000607 (60)
US 2000-205515P	20000519 (60)
US 2001-259678P	20010105 (60)

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,
ROCKVILLE, MD, 20850

NUMBER OF CLAIMS:

24

EXEMPLARY CLAIM:

1

LINE COUNT:

22015

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel colon related polynucleotides and the polypeptides encoded by these polynucleotides herein collectively known as "colon antigens," and the use of such colon antigens for detecting disorders of the colon, particularly the presence of colon cancer and colon cancer metastases. More specifically, isolated colon associated nucleic acid molecules are provided encoding novel colon associated polypeptides. Novel colon polypeptides and antibodies that bind to these polypeptides are provided. Also provided are vectors, host cells, and recombinant and synthetic methods for producing human colon associated polynucleotides and/or polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, preventing and/or prognosing disorders related to the colon,

including colon cancer, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The present invention further relates to methods and/or compositions for inhibiting the production and function of the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 28 OF 34 USPATFULL on STN
ACCESSION NUMBER: 2003:67750 USPATFULL
TITLE: Secreted protein HEMCM42
INVENTOR(S): Ruben, Steven M., Olney, MD, United States
Rosen, Craig A., Laytonsville, MD, United States
Carter, Kenneth C., North Potomac, MD, United States
Dillon, Patrick J., Carlsbad, CA, United States
Endress, Gregory A., Potomac, MD, United States
Yu, Guo-Liang, Berkeley, CA, United States
Ni, Jian, Rockville, MD, United States
Feng, Ping, Gaithersburg, MD, United States
PATENT ASSIGNEE(S): Human Genome Sciences, Inc., Rockville, MD, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6531447	B1	20030311
APPLICATION INFO.:	US 2000-690454		20001018 (9)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 1998-189144, filed on 10 Nov 1998, now abandoned Continuation-in-part of Ser. No. WO 1998-US10868, filed on 28 May 1998		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-44039P	19970530 (60)
	US 1997-48093P	19970530 (60)
	US 1997-48190P	19970530 (60)
	US 1997-50935P	19970530 (60)
	US 1997-48101P	19970530 (60)
	US 1997-48356P	19970530 (60)
	US 1997-56250P	19970829 (60)
	US 1997-56296P	19970829 (60)
	US 1997-56293P	19970829 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Carlson, Karen Cochrane
LEGAL REPRESENTATIVE: Human Genome Sciences, Inc.
NUMBER OF CLAIMS: 52
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 0 Drawing Figure(s); 0 Drawing Page(s)
LINE COUNT: 8943

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel human secreted proteins and isolated nucleic acids containing the coding regions of the genes encoding such proteins. Also provided are vectors, host cells, antibodies, and recombinant methods for producing human secreted proteins. The invention further relates to diagnostic and therapeutic methods useful for diagnosing and treating disorders related to these novel human secreted proteins.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 29 OF 34 USPATFULL on STN
ACCESSION NUMBER: 2002:272435 USPATFULL
TITLE: Polyacrylamide hydrogel as a soft tissue filler endoprosthesis

INVENTOR(S) : Petersen, Jens, Birkerod, DENMARK

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002150550	A1	20021017
APPLICATION INFO.:	US 2001-938669	A1	20010827 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-228081P	20000825 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Stanislaus Aksman, Hunton & Williams, Suite 1200, 1900 K Street, N.W., Washington, DC, 20006	
NUMBER OF CLAIMS:	31	
EXEMPLARY CLAIM:	1	
LINE COUNT:	693	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A hydrogel is obtained by combining acrylamide and methylene based-acrylamide, radical initiation and washing with pyrogen-free water or saline solution to give less than 3.5% by weight polyacrylamide, based on the total weight of the hydrogel. The hydrogel may be used as a soft tissue filler endoprosthesis. Also disclosed is a method of filling a soft tissue in a mammal using the endoprosthesis, and a prosthetic device comprising the polyacrylamide hydrogel.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 30 OF 34 USPATFULL on STN
ACCESSION NUMBER: 2002:266261 USPATFULL
TITLE: Nucleic acids, proteins, and antibodies
INVENTOR(S): Rosen, Craig A., Laytonsville, MD, UNITED STATES
Ruben, Steven M., Olney, MD, UNITED STATES
Barash, Steven C., Rockville, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002147140	A1	20021010
APPLICATION INFO.:	US 2001-764877	A1	20010117 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-179065P	20000131 (60)
	US 2000-180628P	20000204 (60)
	US 2000-214886P	20000628 (60)
	US 2000-217487P	20000711 (60)
	US 2000-225758P	20000814 (60)
	US 2000-220963P	20000726 (60)
	US 2000-217496P	20000711 (60)
	US 2000-225447P	20000814 (60)
	US 2000-218290P	20000714 (60)
	US 2000-225757P	20000814 (60)
	US 2000-226868P	20000822 (60)
	US 2000-216647P	20000707 (60)
	US 2000-225267P	20000814 (60)
	US 2000-216880P	20000707 (60)
	US 2000-225270P	20000814 (60)
	US 2000-251869P	20001208 (60)
	US 2000-235834P	20000927 (60)
	US 2000-234274P	20000921 (60)
	US 2000-234223P	20000921 (60)
	US 2000-228924P	20000830 (60)
	US 2000-224518P	20000814 (60)

US 2000-236369P	20000929 (60)
US 2000-224519P	20000814 (60)
US 2000-220964P	20000726 (60)
US 2000-241809P	20001020 (60)
US 2000-249299P	20001117 (60)
US 2000-236327P	20000929 (60)
US 2000-241785P	20001020 (60)
US 2000-244617P	20001101 (60)
US 2000-225268P	20000814 (60)
US 2000-236368P	20000929 (60)
US 2000-251856P	20001208 (60)
US 2000-251868P	20001208 (60)
US 2000-229344P	20000901 (60)
US 2000-234997P	20000925 (60)
US 2000-229343P	20000901 (60)
US 2000-229345P	20000901 (60)
US 2000-229287P	20000901 (60)
US 2000-229513P	20000905 (60)
US 2000-231413P	20000908 (60)
US 2000-229509P	20000905 (60)
US 2000-236367P	20000929 (60)
US 2000-237039P	20001002 (60)
US 2000-237038P	20001002 (60)
US 2000-236370P	20000929 (60)
US 2000-236802P	20001002 (60)
US 2000-237037P	20001002 (60)
US 2000-237040P	20001002 (60)
US 2000-240960P	20001020 (60)
US 2000-239935P	20001013 (60)

DOCUMENT TYPE:

Utility

FILE SEGMENT:

APPLICATION

LEGAL REPRESENTATIVE:

HUMAN GENOME SCIENCES INC, 9410 KEY WEST AVENUE,
ROCKVILLE, MD, 20850

NUMBER OF CLAIMS:

24

EXEMPLARY CLAIM:

1

LINE COUNT:

33677

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to novel musculoskeletal system related polynucleotides and the polypeptides encoded by these polynucleotides herein collectively known as "musculoskeletal system antigens," and the use of such musculoskeletal system antigens for detecting disorders of the musculoskeletal system, particularly the presence of cancer and cancer metastases. More specifically, isolated musculoskeletal system associated nucleic acid molecules are provided encoding novel musculoskeletal system associated polypeptides. Novel musculoskeletal system polypeptides and antibodies that bind to these polypeptides are provided. Also provided are vectors, host cells, and recombinant and synthetic methods for producing human musculoskeletal system associated polynucleotides and/or polypeptides. The invention further relates to diagnostic and therapeutic methods useful for diagnosing, treating, preventing and/or prognosing disorders related to the musculoskeletal system, including cancer of musculoskeletal tissues, and therapeutic methods for treating such disorders. The invention further relates to screening methods for identifying agonists and antagonists of polynucleotides and polypeptides of the invention. The present invention further relates to methods and/or compositions for inhibiting the production and function of the polypeptides of the present invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 31 OF 34 USPATFULL on STN

ACCESSION NUMBER: 2002:191539 USPATFULL

TITLE: Full-length human cDNAs encoding potentially secreted proteins

INVENTOR(S): Milne Edwards, Jean-Baptiste Dumas, Paris, FRANCE

Bougueret, Lydie, Petit Lancy, SWITZERLAND
Jobert, Severin, Paris, FRANCE

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002102604	A1	20020801
APPLICATION INFO.:	US 2000-731872	A1	20001207 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-169629P	19991208 (60)
	US 2000-187470P	20000306 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	John Lucas, Ph.D., J.D., Genset Corporation, 10665 Sorrento Valley Road, San Diego, CA, 92121-1609	
NUMBER OF CLAIMS:	29	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	5 Drawing Page(s)	
LINE COUNT:	28061	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention concerns GENSET polynucleotides and polypeptides. Such GENSET products may be used as reagents in forensic analyses, as chromosome markers, as tissue/cell/organelle-specific markers, in the production of expression vectors. In addition, they may be used in screening and diagnosis assays for abnormal GENSET expression and/or biological activity and for screening compounds that may be used in the treatment of GENSET-related disorders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 32 OF 34 USPATFULL on STN
ACCESSION NUMBER: 2002:171976 USPATFULL
TITLE: Electroprecessed collagen
INVENTOR(S): Simpson, David G., Mechanicsville, VA, UNITED STATES
Bowlin, Gary L., Mechanicsville, VA, UNITED STATES
Wnek, Gary E., Midlothian, VA, UNITED STATES
Stevens, Peter J., N. Richland Hills, TX, UNITED STATES
Carr, Marcus E., Midlothian, VA, UNITED STATES
Matthews, Jamil A., Glen Allen, VA, UNITED STATES
Rajendran, Saravanamoorthy, Branford, CT, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002090725	A1	20020711
APPLICATION INFO.:	US 2001-991373	A1	20011116 (9)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-714255, filed on 17 Nov 2000, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2001-270118P	20010222 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	JOHN S. PRATT, ESQ, KILPATRICK STOCKTON, LLP, 1100 PEACHTREE STREET, SUITE 2800, ATLANTA, GA, 30309	
NUMBER OF CLAIMS:	24	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	9 Drawing Page(s)	
LINE COUNT:	4536	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention is directed to formation and use of electroprecessed collagen, including use as an extracellular matrix and, together with cells, its use in forming engineered tissue. The engineered tissue can include the synthetic manufacture of specific organs or tissues which

may be implanted into a recipient. The electroprocessed collagen may also be combined with other molecules in order to deliver substances to the site of application or implantation of the electroprocessed collagen. The collagen or collagen/cell suspension is electrodeposited onto a substrate to form tissues and organs.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L6 ANSWER 33 OF 34 USPATFULL on STN

ACCESSION NUMBER: 2002:165193 USPATFULL

TITLE: Nucleic acids, proteins, and antibodies

INVENTOR(S):
Rosen, Craig A., Laytonsville, MD, UNITED STATES
Ruben, Steven M., Olney, MD, UNITED STATES
Barash, Steven C., Rockville, MD, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002086822	A1	20020704
	US 2003139327	A9	20030724
APPLICATION INFO.:	US 2001-764886	A1	20010117 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-179065P	20000131 (60)
	US 2000-180628P	20000204 (60)
	US 2000-214886P	20000628 (60)
	US 2000-217487P	20000711 (60)
	US 2000-225758P	20000814 (60)
	US 2000-220963P	20000726 (60)
	US 2000-217496P	20000711 (60)
	US 2000-225447P	20000814 (60)
	US 2000-218290P	20000714 (60)
	US 2000-225757P	20000814 (60)
	US 2000-226868P	20000822 (60)
	US 2000-216647P	20000707 (60)
	US 2000-225267P	20000814 (60)
	US 2000-216880P	20000707 (60)
	US 2000-225270P	20000814 (60)
	US 2000-251869P	20001208 (60)
	US 2000-235834P	20000927 (60)
	US 2000-234274P	20000921 (60)
	US 2000-234223P	20000921 (60)
	US 2000-228924P	20000830 (60)
	US 2000-224518P	20000814 (60)
	US 2000-236369P	20000929 (60)
	US 2000-224519P	20000814 (60)
	US 2000-220964P	20000726 (60)
	US 2000-241809P	20001020 (60)
	US 2000-249299P	20001117 (60)
	US 2000-236327P	20000929 (60)
	US 2000-241785P	20001020 (60)
	US 2000-244617P	20001101 (60)
	US 2000-225268P	20000814 (60)
	US 2000-236368P	20000929 (60)
	US 2000-251856P	20001208 (60)
	US 2000-251868P	20001208 (60)
	US 2000-229344P	20000901 (60)
	US 2000-234997P	20000925 (60)
	US 2000-229343P	20000901 (60)
	US 2000-229345P	20000901 (60)
	US 2000-229287P	20000901 (60)
	US 2000-229513P	20000905 (60)
	US 2000-231413P	20000908 (60)
	US 2000-229509P	20000905 (60)
	US 2000-236367P	20000929 (60)



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Dossier: 09938669

Legal Date: 12-22-2004

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3	REM	3

Total number of pages: 10

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